

Exhibit 61

SW-SEC-SDNY 00069825

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Final Security Review ipMonitor (Doberman - 2019.4)

Created by Jeff Kohn, last modified on Nov 19, 2019

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Checklist/Process

Checklist

Phase 1- Requirements Analysis

Proactive Review of all FAS (High Level Feature Design) Documents

Table should contain a row for each FAS. As architecture reviews documents update "Review by Architecture" column with "Complete". If changes need to be made, then Architecture and Engineering will address out-of-band. We do not track that here.

FAS Document Link	Review by Architecture
None	

Initial Static Application Security Testing Report (CheckMarx)

Produce a scan and export to PDF and update numbers.

- CheckMarx report on 6-2-2019 for IPMonitor
 - Summary
 - High: 0
 - Medium: 6,342
 - Low: 2,716

Initial additional security analysis reports (Optional 2019)

- 3rd Party - OWASP
- Dynamic - Nessus or NMAP

Phase 2 - Secure Development & Testing Phase

JIRA Board of Stories Requiring Additional Scrutiny by Architecture

Should be Empty at End of Release

JIRA Query project = ipMonitor AND fixVersion = "2019.4 Doberman" AND component IN ("Security Requirements") AND (label is empty OR label = "BA Approval")

URL

https://swicloud.atlassian.net/wiki/pages/viewpage.action?pageId=2920186016&pageVersion=11

Timestamp

Tue Oct 01 2024 10:04:36 GMT-0500 (Central Daylight Time)

> How-to articles

* ipMonitor 10.8.3 fails to ...

* Meeting notes

* 2019-01-03 Meeting no...

> Retrospectives

+ Create

Initial Static Application Security Testing Report (CheckMarx)

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Phase 2 - Secure Development & Testing Phase

JIRA Board of Stories Requiring Additional Scrutiny by Architecture

Should be Empty at End of Release

JIRA Query: project = ipMonitor AND fixVersion = "2019.4 Doberman" AND component IN ("Security Requirements") AND (labels is empty OR labels != "PA_Approved")

Note: This table should be empty at time of Final Approval.

Key	Summary	Status	Resolution
<div><div></div><div>Data cannot be retrieved due to an unexpected error.</div><div>View these issues in Jira</div></div>			

JIRA Board of Stories Reviewed and Approved by Architecture

Final Security Review is closed when all stories are implemented and approved by PA.

JIRA Query: project = ipMonitor AND fixVersion = "2019.4 Doberman" AND component IN ("Security Requirements") AND labels = PA_Approved

Key	Summary	Status	Resolution
<div><div></div><div>Data cannot be retrieved due to an unexpected error.</div><div>View these issues in Jira</div></div>			

Phase 3 - Regression Phase

JIRA Board of Vulnerabilities Addressed in Current Release

JIRA Query: project = ipMonitor AND fixVersion = "2019.4 Doberman" and component = Security and status = Closed and resolution in (Fixed, Done)

Review all of the hard work and security issues addressed in this release.

T	Key	Summary	Created	Status	Resolution	Description
<div><div></div><div>Data cannot be retrieved due to an unexpected error.</div><div>View these issues in Jira</div></div>						

URL

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JIRA Query: project = ipMonitor AND fixVersion = "2019.4 Doberman" and component = Security and status = Closed and resolution in (Fixed, Done)

Review all of the hard work and security issues addressed in this release.

T	Key	Summary	Created	Status	Resolution	Description
---	-----	---------	---------	--------	------------	-------------

⚠ Data cannot be retrieved due to an unexpected error.
View these issues in Jira

JIRA Board of Vulnerabilities not Addressed in Current Release

This list should be minimal and it should be a rare exception to not address something.

JIRA Query: project = ipMonitor and labels =2019.4WontFix

Why do we use labels? Answer - we can look back in time at this report will remain static over time. If we used resolution, then it might eventually get fixed.

Ensure component "Security" is set if these are vulnerabilities in current or soon-to-be-shipped product

T	Key	Summary	Created	Status	Resolution	Description
---	-----	---------	---------	--------	------------	-------------

⚠ Data cannot be retrieved due to an unexpected error.
View these issues in Jira

Final Static Application Security Testing Report (CheckMarx)

- CheckMarx report on 11-19-2019
 - Summary - only diffs from initial
 - High: 0
 - Medium: ~1401
 - Low: 415

Note: We use a PDF so we have historical context. A URL link to CheckMarx might go away in the future.

Final additional security analysis reports (Optional 2019)

- 3rd Party - OWASP
- Dynamic - Nessus or NMAP

Phase 4 - Formal Security Review Approval Phase

- Formal team approval (PA, PO, EM, AQ, Engineering)
- Exceptions approved by architecture
- Send final report to Operation Security Team (OpsSec) Tim Brown's team

CheckMarx Start of Release Versus End of Release Vulnerability Matrix

Threat	iPM Base	
Level	Start (June)	End (Nov)

URL

<https://swicloud.atlassian.net/wiki/pages/viewpage.action?pagelId=2920186016&pageVersion=11>

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- Exceptions approved by architecture
- Send final report to Operation Security Team (OpsSec) Tim Brown's team

CheckMarx Start of Release Versus End of Release Vulnerability Matrix

Threat	IPM Base	
Level	Start (June)	End (Nov)
High	0	0
Med	6,342	4941
Low	2,716	3131
Total	9,058	8072
% Change	-10.9%	

> Formal Review Meeting Minutes

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No labels 

URL

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